Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Tuesday 01 Feb 2022 until 23:59 on Wednesday 02 Feb 2022

Forecast Issued on Monday 31 Jan 2022 at 14:51

Confidence: Low confidence about clearance of frontal rain on Tuesday with low cloud and rain lingering for much of the day. Additionally if the front moves further southwest there will be less cloud and better visibility than forecast. Further uncertainty on Wednesday as the front moves back towards the Peak District. High confidence for the return of colder conditions by the end of the week.

Headline for Tuesday 01 Feb 2022: West or northwest gales, a wet day but some drier conditions later in the east.

Mountain weather hazards on Tuesday 01 Feb 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales High Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Light rain	Heavy Rain	Light rain	Drizzle	Dull	Light rain	Cloudy
Precipitation probability							
60%	60%	60%	80%	80%	30%	60%	30%

Forecast for Tuesday 01 Feb 2022

Weather: An area of light and patchy rain will affect the area overnight, introducing some milder air for a time on Tuesday. The area of rain will move away west but may not completely clear the Peak District and may reinvigorate at times. Eastern areas closer to Sheffield will have the best chance of bright or sunny spells in the afternoon but the western hills nearer Glossop may remain quite cloudy with a few outbreaks of light rain at times.

Chance of cloud-free hill tops above 600m: 30% in the morning with widespread broken low cloud, improving to 60% in the afternoon and the best chance of low cloud clearance will be in the north and east around Bradfield and Hathersage.

Low cloud and visibility: Broken low cloud layers in the morning from 400m and above and light rain will make visibility quite poor at times especially around western hills around Hob Tor. As the rain area begins to clear southwest some breaks will develop in the cloud in the north and it will become patchy around 600m, if the rain does not totally clear the western areas more low cloud will linger here.

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Tuesday 01 Feb 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	29/38 W	31/41 W	28/37 W	30/41 W	33/45 W	33/46 W	31/43 NW	26/37 W	23/32 W
300	22/31 W	23/33 W	23/32 W	22/32 W	24/35 W	24/37 W	22/34 NW	19/29 W	17/26 W
Valley	15/30 W	16/33 W	14/30 W	15/32 W	18/36 W	18/38 W	16/34 NW	14/29 W	12/26 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-3	4/-3	5/-1	6/0	6/-0	6/0	5/-1	4/-2	4/-1
300	5/-0	6/0	7/2	8/3	8/4	8/4	8/3	7/3	7/3
Valley	5/1	6/2	7/3	8/5	9/5	9/5	8/4	7/4	7/4
Freezing Level*	1100m	2500m	2100m	1600m	1500m	1500m	1300m	1200m	1200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Milder air for a time on Tuesday. Northwesterly gales on the summits of the higher hills like Hob Tor and Kinder Scout during the morning.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Mon 31 Jan 2022	9mm	9.2mm	10.4mm

Forecast for Wednesday 02 Feb 2022

Weather: A mainly dull and cloudy day with light and patchy rain likely over the area for much of the day but a lot of uncertainty in the extent of this. The east is likely to see the best conditions with some drier and brighter spells with the western hills experiencing persistent drizzle or light rain.

Maximum wind: Westerly 20 mph with gusts 30mph becoming Southwesterly 15-20mph later.

Chance of cloud-free hill tops above 600m: 20% in the west improving to 50%. In the east 40% improving to 70% later.

Low cloud and visibility: Extensive low cloud likely above 400m in the morning especially in the west but a few breaks may be found further east. Cloud breaks developing during the afternoon with better views likely in the east. Moderate or poor visibility especially in light rain and drizzle, perhaps some good visibility in the afternoon in the east.

Temperature: **Valleys:** Plus 7 rising to 11 Celsius.
At 600m: Plus 5 Celsius.
Freezing level: above the summits.

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